

**Amendments to the Specification**

On page 13 of the specification, please replace the paragraph beginning at line 10 with the following amended paragraph:

With reference first to Figure 1, probe 1 comprises a bar magnet 2 of 10 x 3 mm in size and having a strength of 350 milli-teslas. It is located against a Hall element 3 with its axis at 45 degrees to the sensing axis of the Hall element. Hall element 3 is provided with a protective pad 4 at its base made of non-magnetic metal.